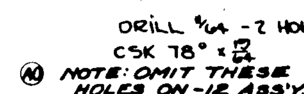
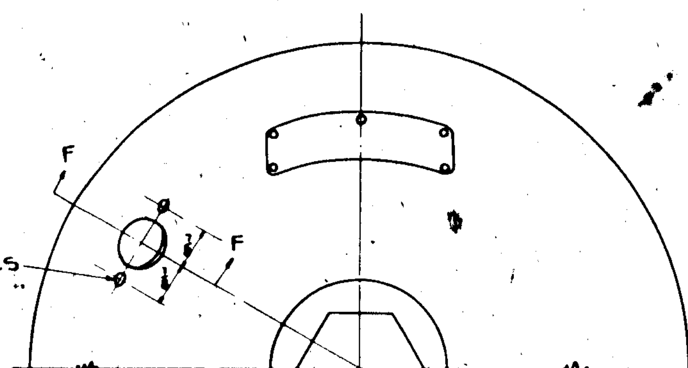
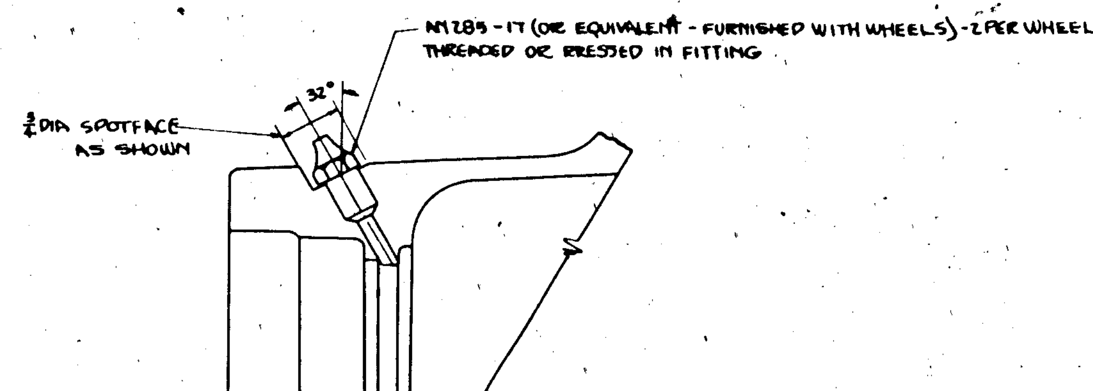
SEE BUREAU CHANGE NO. 87 - PBY-1
NO. 45 - PBY-2

SUPPLIES & EQUIPMENT CLASSIFICATION				
	LET	ALTERATION	DATE	BY
	AG	TRACED UP TO DATE	3-25-31	V.I.B.
	AH	AN6-51 WAS AN6-52 (FOR PBY-2 ONLY)	7-26-37	
	AJ	CHANGED AC 595-72-6 TO AC 995-72-6	8-10-37	
	AK	ADDED 28H1050-1 RH. (ITEM. TO DWG & BM.; 28H1050 NOW 1 L.H. REQ'D	"	"
	AL	ADDED COMM #2 REQTS	3-9-38	
	AM	REVISED NOTE	4-28-38	
C.O.7615C	AN	ADDED 28H3005-3 & -4 & NOTE	1-6-39	
	AO	ADDED -11 TUBE (WITH RUBBER VALVE STEM) AND -12 ASSEM. FOR ALL FUTURE SHIPS & SPARES. ADDED NOTE TO OMIT HOLES	"	"
	AP	REMOVED DRILL & ASSY NOTE	7-14-39	
E.O.12666A	AQ	AN320-8-8 WAS AN320-8-9 REMOVED 28H1050-1 & REQ. ADDED "REQ. R.H." ON 28H1050	12-27-40	
	AR	ADDED "B.F." & "OR EQUIV." TO -7 NOTE. ADDED "B.F. GOODRICH" & "OR EQUIV." TO -8 NOTE NO WT. CHG.	10-14-43	RNG







(AN) NOTE: ON SHIPS HAVING -8 TYPE TUBE INSTALL 28H3005-3 & -4 AS SHOWN ON DWG. 28R176. (OR DETAIL ON 28H3005)

-7 1100 X 12 6 PLY SMOOTH B.F. GOODRICH LOW PRESSURE TIRE, OR EQUIVALENT (AR)

-8 11X12 B.F. GOODRICH TUBE, OR EQUIVALENT, WITH SPECIAL SCHRADER VALVE OR EQUIVALENT (WITH LEAD WASHER) FOR WATER FILLING (AR)

(AO) NOTE: USE -11 TUBE (RUBBER VALVE STEM, SCHRADER #7423-B) FOR ALL FUTURE SHIPS & SPARES.

-6 11X12 BEACHING GEAR WHEELS (NO BRAKES), MATERIAL, WORKMANSHIP AND FINISH IN ACCORD WITH AC SPEC 25268 EXCEPT FOR:
- 2 LUBRICATORS AS SHOWN IN DETAIL E
- VALVE ACCESS HOLES AS SHOWN IN VIEW B-B & F-F
- INNER & OUTER RACES & CAGE OF ROLLER BEARINGS TO BE CHROMIUM PLATED.

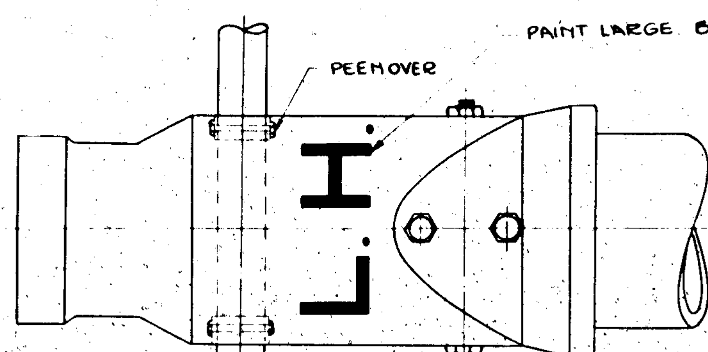
-3 CAPSTEP - OUTER WHEEL ONLY (BENDIX #50198) TO BE FURNISHED WITH WHEELS.

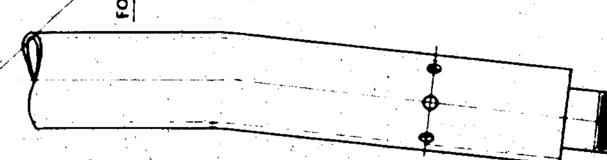
-5 AC 32A510 - 2 NUT
AC 32A509 - 2 TAB WASH.
AN380-6B-10 COTTER
TO BE FURNISHED WITH WHEELS

-9 AXLE TO CONFORM WITH A.C. SPEC. #26258
COLLAR & PLUG AS ON BENDIX DWG #26993
(2) TWO SEALING WASHERS
FELT RING
LOCKING RING
TO BE FURNISHED WITH WHEELS
(COLLAR, SEALWASHER & LOCKRING TO BE STAINLESS STEEL OR EQUIVALENT).

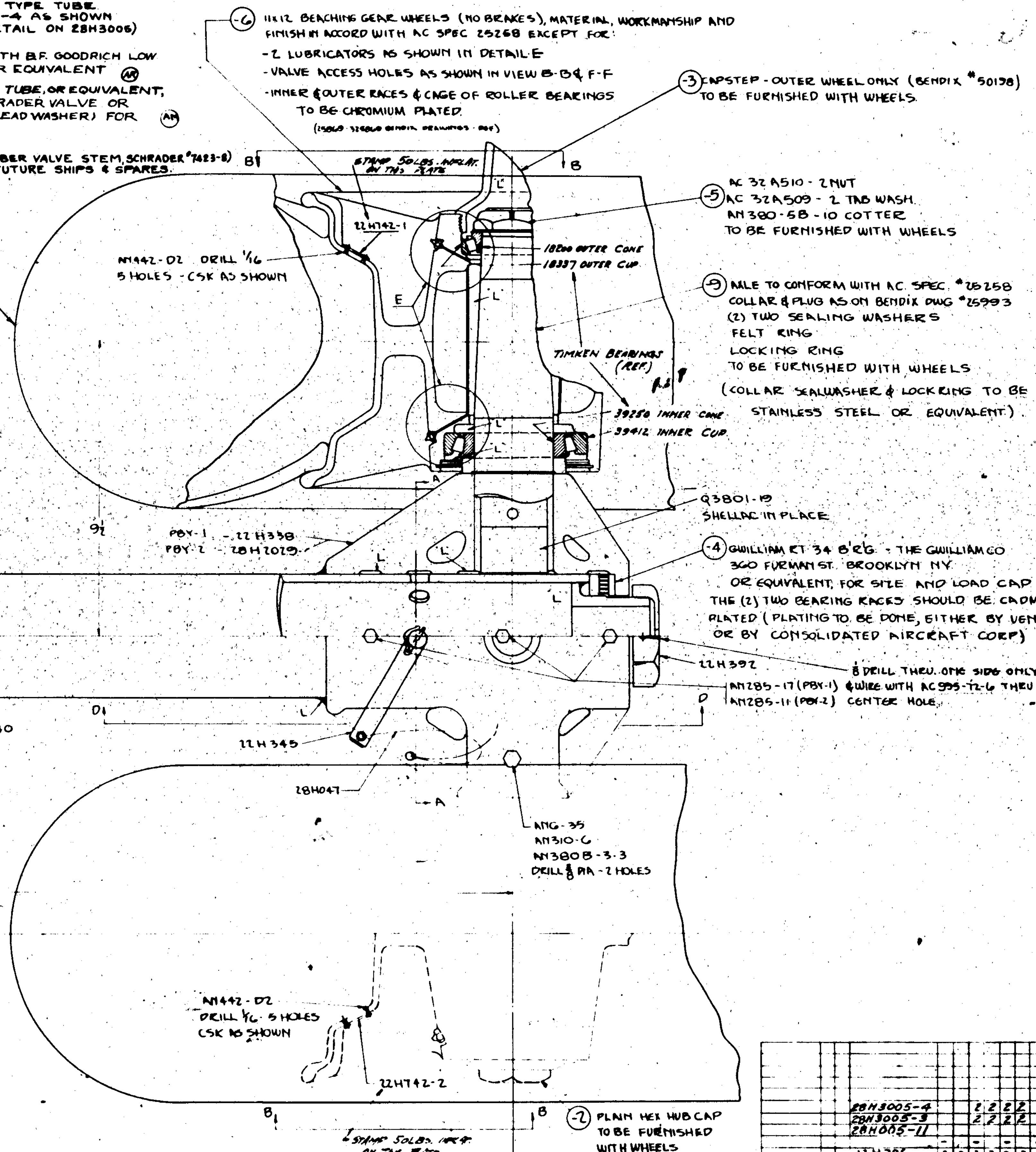
-4 GUILLIAM RT-34 B'R'G. - THE GUILLIAM CO 360 FURMAN ST. BROOKLYN N.Y. OR EQUIVALENT, FOR SIZE AND LOAD CAP. THE (2) TWO BEARING RACES SHOULD BE CADMIUM PLATED (PLATING TO BE DONE, EITHER BY VENDOR OR BY CONSOLIDATED AIRCRAFT CORP.)

-2 PLAIN HEX HUB CAP TO BE FURNISHED WITH WHEELS





NOTE:
RELATION OF STRUT OFFSET TO CASTING AS SHOWN



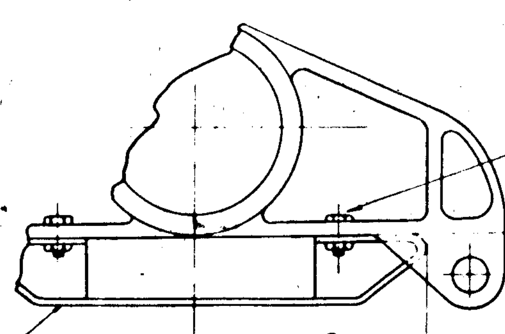
-10 SHIM - .015 TO .025 CH MOLY SHEET SPEC 47514 (OR CORR RES SHEET SPEC 47519) INSERT BETWEEN CASTING & STRUT AT BOLTS TO PREVENT CRACKING OF CASTINGS WHEN TIGHTENING BOLTS. NUTS NEED NOT BE VERY TIGHT.

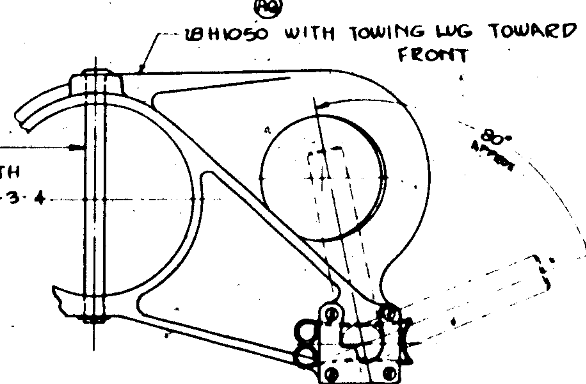
(AH) AN6-51 - FOR PBY-2 ONLY
AN6-52 - FOR PBY-1 & XPBY-1 ONLY
AN315-6R
PEEN OR PRICK PUNCH ENDS. (AP)

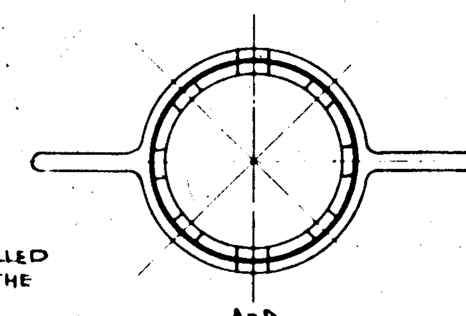
28H2013 - PBY-2
22H301
22H815
SEE DETAIL G FOR ATTACHMENT
XPBY-1 & PBY-1

AN8-51
AN315-8R
PEEN OR PRICK PUNCH ENDS. (AP)

28H1039 FOR PBY-1
28H2039 FOR PBY-2
STRUT
PIN
DRILL #28 (.141) ON REAR SIDE
AN320-8-8
AN935-8 (AQ)
22H785
28H1049
28H040
28H1048 - 2 REQ'D
22H787 - 2 REQ'D
AN3-11
AN320-3
AN380-B2-2
WITH 22H301 ONLY
WITH 28H2013 ONLY
28H050







~ LUBRICATION NOTE ~

AT ASS'Y & SERVICE OVERHAUL FILL ALL SPACES MARKED "L" WITH LUBRICANT "NO-OX-ID" GRADE A-SP DEARBORN CHEM. CO 2056-42 ST NY-NY - OR EQUIVALENT CORROSION PREVENT PRODUCT OF HEAVY GREASE CONSISTENCY. - AFTER ASS'Y PRESS IN MORE LUBRICANT (7 PLACES) WITH GUN, FILLING ALL POCKETS TO EXCLUDE THE ACCUMULATION OF WATER. USE OF ONE OR TWO ALEMITE LUBRICATORS OPTIONAL

FINISH NOTES:

PAINT -3 CAP STEP RED
PIN & BAR HANDLES TO BE PAINTED BLACK. PIN ENDS TO BE FREE OF PAINT. LUBRICANT POINTS YELLOW.
PAINT LARGE BLACK LETTERS L H AS SHOWN
PAINT R H ON 28H006-1

Dash No.	Model	Part No.	Req.	Std Parts	Req	Req	Part No.
							28H3005-4
							28H3005-3
							28H005-11
							22H786
							28H1049
							28H2039
							28H2019
							28H2013
							22H815
							22H338
							22H301
				AN6-51	3	3	28H039
				AN285-11	3	3	28H1039
				AN380-2-2	4	4	28H1050
				AN320-3	4	4	28H1051
				AN320-3	8	8	28H050
				AN380-B2-2	8	8	22H742-2
-12		28H3005		AN3-6	4	4	22H742-1
-10		28H3005		AN285-17	3	3	28H041
		28H3005		AN6-52	3	3	28H1048
-10		28H3005		LUBRICANT			22H787
-11	PBY-5B	28H3005		AC995-72-6	1	1	28H040
-RR	PBY-1-2	28H1002		AN380-3-4	1	1	22H345
-RL	PBY-1-2	28H1002		AN960-616	2	2	Q3801-19
-11	PBY-3-4	28H3005-5		AN8-51	2	2	22H392
-11	Comm #2	28H1002		AN315-6R	3	3	28H047
-10	PBY-3-4	28H3005		AN315-8R	2	2	-10
-8	PBY-3-4	28H3005		AN935-8	4	4	-9
-7	PBY-3-4	28H3005		AN320-8-8	8	8	-8
-1	PBY-2	28H1002		AN935-8	8	8	-7
	PBY-2	28H1002		AN3-11	4	4	-6
-1	PBY-1	28H1002		AN442-D2	10	10	-5
	PBY-1	28H1002		AN6-35	2	2	-4
	XPBY-1	28H1002		AN310-6	2	2	-3
	XPBY-1	28H1002		AN380B-3-3	2	2	28H006-2
Dash No.	Model	Next Assy	Req.	Std Parts	Req	Req	Part No.

REQUIREMENTS FOR NUMBERING — PARTS LIST FOR ASS'Y

AC				
NAVY			CP AND SEE NOTES	
MATERIAL	SPEC.	HEAT TREAT	FINISH	

CONSOLIDATED AIRCRAFT CORP. BUFFALO N.Y.

NAME: BEACHING GEAR ASSY. FRONT

OPP. HAND 28H005-1

J 28H005

28H005

H 447